

STATE OF WASHINGTON
DEPARTMENT OF FISH & WILDLIFE
LANDS AND RESTORATION SERVICES PROGRAM
Salmonid Screening, Habitat Enhancement &
Restoration Division (SSHEAR)

OFF-CHANNEL SITE INVENTORY DATA

General Information:

Region: North Coast

Observer(s): Powell

River System: Sol Duc

Date: 2/4/97

Site Identifier: S-336R-01

WRIA: 20.0336A

River Mile Location: ~ 1550 m (hip chained)

RB/LB: RB

Local Name: Wisen Branch Creek

Trib. to: Wisen Cr (20.0336)

Legal Description: NW¼ Sec 31 T30N R11W

County: Clallam

Habitat Type: Lower valley wall tributary

Landowner: (X) Federal (X) State () County () Other Government (X) Private

- Washington State Dept of Natural Resources
- National Forest
- R. Breithaupt
- G. Johnson

Directions to site:

Starting at Forks (Tillicum Park) drive north on Highway 101 for 17.5 miles to Wisen Road. Turn left on this road and follow ~0.1 mi up. S-0336 parallels the road then crosses and goes in the east direction. S-336R-01 branch crosses Swede Road (on the left) and goes in the north direction. S-336R-01 also crosses Wisen Road ~0.1 mi above S-0336 crossing.

Site Overview:

This small channel sources in a steep gradient, conifer forest and flows progressively down through a mature mix stand to a lower gradient in 0.4 miles. There are sections of good gravel but the channel size may not attract adult coho. This channel experiences higher flows and offers limited rearing opportunities for coho. This stream is more characteristically, a cutthroat stream.

Habitat Information:

Water source: Tributaries and surface runoff

Intermittent/year-around:

- Probably year-around

Estimated flows (cfs): 1.5

Water temperatures: 7.5° C

Adjacent stream temperature: did not take (20.0096)

Other water observations: Water is clear

Site area measurements: () Indirect (X) Direct () Combination

Widths: Channel- 1 m - 1.8 m Ponds- NA Wetlands- NA
Depths: Channel- 5 cm - 20 cm Ponds- NA Wetlands-NA
Total length (includes ponds and wetlands): 725 m
(There is trout habitat above this end point)

Total existing habitat area (est.): 1020 m²

Spawning area: 320 m²

Impounded area: 0

Other rearing area: 700 m²

Spawning Habitat conditions: ☐ None ☐ Poor ☒ Fair ☐ Good ☐ Excellent

Describe spawning habitat:

- There are some stretches that contain quality gravel that contain quality gravel but system may be too small to attract adult coho.
- The upper reach is mostly boulder and rock.
- The Quileute Tribe assumes there is no coho production in this stream.

Rearing habitat conditions: ☐ None ☒ Poor ☐ Fair ☐ Good ☐ Excellent

Describe pond and other rearing habitat:

- This system lacks large pools, and may experience flushing flows in the winter.
- Coho may utilize this system in the summer months but flows and barriers may be limiting factors.
- This channel has a predominantly mature mixed stand as a canopy, and brush and LOD for cover.
- Numerous alder tops and limbs litter the channel from past winter storms.

Describe inaccessible habitat:

- There are two culverts (Swede Rd and Wisen Rd) with 1+ ft plunges that may be upstream barriers for juveniles during low flows.

Describe wetland: ☐ Bog ☐ Marsh ☐ Scrub-shrub Wetland ☐ Forested Wetland

- None

Flooding potential: ☒ Low ☐ Medium ☐ High

Fish Information:

Site entry condition to (Sol Duc River 20.0096): ☐ Poor ☒ Fair ☐ Good

- Open egress.

Coho access and use:

Juvenile- ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good

Adult- ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good

- The Quileute Tribe assumes no coho production for this system.

Other species access and use: ☐ Chum ☐ Pink ☐ Sockeye ☐ Chinook ☐ Trout

- It is assumed that trout utilize this system.

Habitat Improvements:

Enhancement opportunities:

- Replace the two culverts that have a plunges that are located on Wisen Rd and Swede Rd.

Additional Comments:

- There is a private/domestic water intake and it's corresponding materials in the mid and upper reaches of this channel.

Attachments Available:

Contact respective SSHEAR habitat biologist for the following checked items:

☒ Aerials

☒ Sketch

☒ Maps

☒ Culvert Report

☐ Other references

☐ Spawning surveys

☐ Juvenile trapping

☐ Fishway Report

NORTH COAST OFF CHANNEL SURVEY
SUBSEQUENT SITE EVALUATION FORM

River System: Sol Duc

Site No.: S-336R-01

Site Name: Wisen Branch Cr.

WRIA: 20.0336A

DATE: 8-28-97

OBSERVER: Powell

It has been dry for ~6 week then we recieved ~2 inches of rain; this channel was flowing about 0.75 - 0.1 cfs at the Wisen Road crossing.

DATE: 2-27-98

OBSERVER: Powell

MINNOW TRAPPING REPORT

TRAP	DATE		DATE		COHO	CATCH			COTTID
	SET	TEMP	PULLED	TEMP		TROUT			
						RBT	CUTT	0+	
1	2/26	7.0°C	2/27	6.0°C	0	0	1	0	2
2	2/26	7.0°C	2/27	6.0°C	0	0	3	0	5
3	2/26	7.0°C	2/27	6.0°C	0	0	2	0	2
TOTALS:					0	0	6	0	9

COMMENTS:

- Trap #1 was placed ~ 8 feet upstream of second upstream culvert (on Wisen Rd).
- Trap #2 was placed ~ 15 feet upstream of trap #1.
- Trap #3 was placed ~ 10 feet upstream from trap #2.

RIVER: SOL DUC



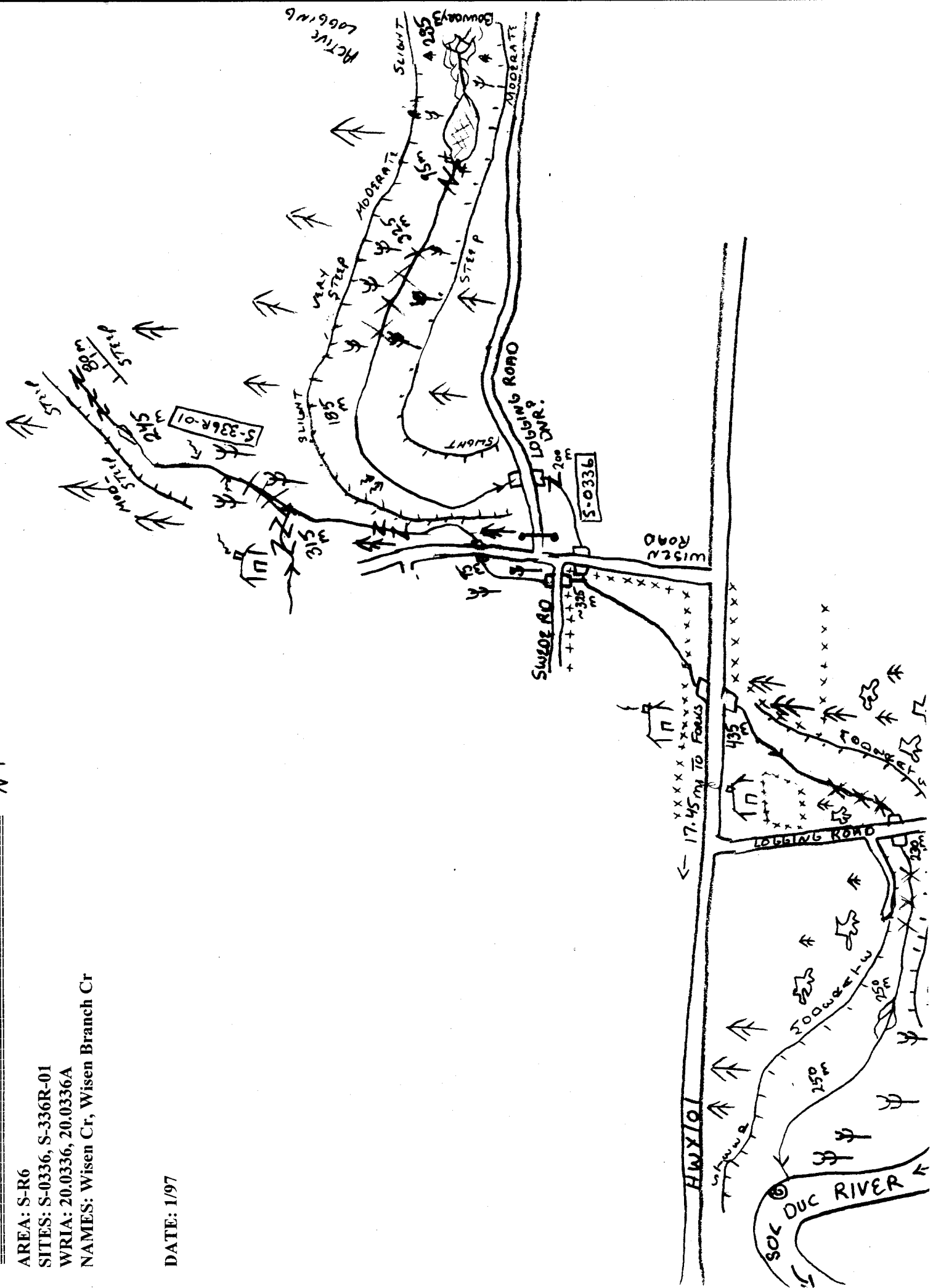
AREA: S-R6

SITES: S-0336, S-336R-01

WRIA: 20.0336, 20.0336A

NAMES: Wisen Cr, Wisen Branch Cr

DATE: 1/97



RIVER: SOL DUC

AREA: S-R6

AREA MAP

DATE: Spring/97

